

5-4-82

5-4-82

110

37

1

LINE	1	2	3	4			1	2	3	4
1 Q_m	51	1	2	3	4					
2 T_w (W.H. °R)	-	1.888	2.460	3.206	3.736					
3 T_g (B.H. °R)	522	534	536	537	538					
4 $T = \frac{(T_w + T_g)}{2}$	635	634	633	632	632					
5 $T = \frac{(T_w + T_g)}{2}$	528.5	528.1	524.5	524.5	525					
6 T_g	1.9102	1.834	1.835	807	798					
7 GH/TZ	535.653	487.056	482.213	471.692	466.83					
8 e^S (Table XIV)	13.0214	14.3207	14.4646	14.7872	14.9412					
9 $1-e^S$ (Table XIV)	1.6246	1.7104	1.7202	1.7411	1.7512					
10 P_t	-	0.4155	0.4187	0.4257	0.4290					
11 P_t 2/1000	4021.2	3181.2	2976.2	2605.2	2324.2					
12 F_T (Table XV)	16170.0	10120.0	8857.8	6787.1	5401.9					
13 $F_c = F_T$ TZ	0.42831	0.53703	0.54242	0.55452	0.56024					
14 $F_c Q_m$	4.788	4.7406	4.637	4.589						
15 $L/H (F_c Q_m)^2$	9.040	11.662	14.867	17.146						
16 $F_w = L/H (F_c Q_m)^2 (1-e^S)$	81.73	136.0	221.02	243.93						
17 $P_w^2 = P_t^2 + F_w$	34.0	56.9	94.1	126.1						
18 $P_s^2 = e^S P_w^2$	10154.0	8414.7	6881.2	5528.0						
19 P_s	26350.6	17372.4	153350	11980.9	9680.6					
20 $P = \frac{(P_t + P_s)}{2}$	51332	41680	39160	3461.3	3111.4					
21 $P_t = (P/P_{cr})$	4577.2	3674.6	3446.1	3033.3	2717.8					
22 $T_t = (T/T_{cr})$	6.530	5.242	4.916	4.327	3.877					
23 $T_t = (T/T_{cr})$	1.545	1.553	1.554	1.555	1.556					
24 $T_t = (T/T_{cr})$	0.9102	0.834	0.8255	0.807	0.798					
25 $T_t = (T/T_{cr})$	0.8255	0.8255	0.8255	0.8255	0.8255					

$\therefore \frac{1003294}{(16 \times 65 + 4) \text{ m}^2}$

$\frac{15838}{17.712 \times 93475}$

$$\begin{array}{r} 1615 \\ 670.4 \\ - 3.1 \\ \hline 676 \end{array}$$

0.618 $\cdot$ (1591.67779)
256400

$$1 + \frac{7.23}{256400}$$

0.6302
1.00282

$$\begin{array}{r} 367 \\ - 25 \\ \hline 342 \end{array}$$

4